



# MATERIAL SAFETY DATA SHEET

Date stamp: 24-Aug-2009

MSDS Ref. No.: 139051

Revision Number: 0

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Earthgro® All Purpose Garden Fertilizer, 10-10-10  
**Description:** Fertilizer

**Company**  
The Scotts Company LLC  
14111 Scottslawn Road  
Marysville, OH 43041

**24-HOUR EMERGENCY TELEPHONE NUMBERS:**  
CHEMTREC (U.S.): 1-800-424-9300  
CHEMTREC (International): 1-703-527-3887  
Non-Emergency Calls: 1-937-644-0011

**Formula No.:** S13950  
**Product Number(s):** 139051, 123901

## 2. HAZARDS IDENTIFICATION

### Labelling

**Signal word:** CAUTION

### Precautionary Statements

May be harmful if swallowed. May cause eye/skin irritation. Keep out of reach of children. Avoid breathing dust. Avoid contact with eyes, skin, and clothing. Keep out of reach of children and domestic animals.

### Potential health effects

**Eye contact:** Contact with eyes may cause irritation.

**Skin contact:** May cause skin irritation in susceptible persons.

**Ingestion:** Possible gastrointestinal tract irritation.

**Inhalation:** May cause irritation of respiratory tract.

### Aggravated Medical Conditions:

Inhalation of dust may aggravate asthma.

### Principle routes of exposure:

Skin, Inhalation, Ingestion, Eyes

### Target organ effects:

Irritation.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	Weight %
Ammonium phosphate	7722-76-1	10-30
Potassium chloride, KCl	7447-40-7	10-30
Urea	57-13-6	10-30

## 4. FIRST AID MEASURES

### Eye contact:

If in eyes, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

### Skin contact:

If on skin or clothing, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

### Ingestion:

Call a physician or Poison Control Centre immediately. Have person sip a glass of water if able to swallow. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

### Inhalation:

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

## 5. FIRE-FIGHTING MEASURES

### Flammable properties:

Decomposes on heating.

### Suitable extinguishing media:

Water spray. Dry chemical. Foam. Carbon dioxide (CO<sub>2</sub>).

### Explosion potential:

Dust at sufficient concentrations may form explosive mixtures with air.

### Hazardous combustion products:

Combustion can produce toxic fumes and irritating gases.

### Fire fighting procedures:

Select appropriate method to surround and extinguish fire

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**5. FIRE-FIGHTING MEASURES**

**Special protective equipment for firefighters:** In the event of fire, wear self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Avoid contact with skin, eyes and clothing.  
**Environmental precautions:** Prevent product from entering drains.  
**Methods for containment:** Vacuum or sweep up material and place in a disposal container.  
**Methods for cleaning up:** If material is uncontaminated, collect and reuse as recommended for product. If material is contaminated, put in appropriate container and dispose.

**7. HANDLING AND STORAGE**

**Handling:** Avoid container breakage. Avoid inhalation or contact with skin, eyes, or clothing. Do not contaminate water sources when disposing of equipment wash waters. Keep out of lakes, streams or ponds.

**Storage:** Keep containers tightly closed in a cool, well-ventilated place

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Components	ACGIH:	OSHA:
Urea	Not Listed	Not Listed
Ammonium phosphate	Not Listed	Not Listed
Potassium chloride, KCl	Not Listed	Not Listed

**Engineering controls** Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard

**Personal Protective Equipment**

**Eye/face protection** Eye/face protection is not required, but is recommended in manufacturing situations where contact may occur.

**Skin and body protection:** No special protective clothing is required under normal workplace conditions. If skin irritation occurs, use natural rubber gloves, durable cloth or impervious rubber gloves if contact with product is possible.

**Respiratory protection:** If airborne levels are high or product does not remain intact, use a combination of engineering controls (e.g. ventilation) and personal protection, e.g., NIOSH/MSHA approved respirator for dusts, mists, and fumes.

**General hygiene considerations:** Wash hands before breaks and immediately after handling the product

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State:</b>	Solid	<b>Color:</b>	Tan, Pink, Brown, White
<b>Bulk density:</b>	45-65 lbs/cu ft	<b>Appearance:</b>	Granular
<b>Odor:</b>	Fertilizer	<b>Solubility:</b>	Partly soluble

**10. STABILITY AND REACTIVITY**

**Chemically Stable:** Yes.

**Conditions to avoid:** Extreme heat. Contact with strong alkalis, oxidizers, and reducing agents. Contact with fuels and other organic or combustible materials. Active metals such as aluminum, magnesium, and chlorine compounds.

**Materials to avoid:** Strong acids, bases, oxidizers, and reducing agents.

**Hazardous decomposition products:** Combustion may produce irritating gases and vapors. Toxic metal oxides may be produced.

**Possibility of hazardous reactions:** Poses little or no immediate hazard.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

**Eye effects:** Contact with eyes may cause irritation  
**Skin effects:** May cause skin irritation in susceptible persons

**Chronic toxicity**

**Revision date:**

**Carcinogenic effects:** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Components	NTP:	IARC:	OSHA:
Urea	Not listed	Not listed	Not listed
Ammonium phosphate	Not listed	Not listed	Not listed
Potassium chloride, KCl	Not listed	Not listed	Not listed

**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.  
**Inhalation:** May cause irritation of respiratory tract.  
**Target organ effects:** Irritation.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity effects:** No data is available on the product itself.  
**Persistence and degradability:** Inherently biodegradable.  
**Bioaccumulative potential:** Does not bioaccumulate.  
**Mobility:** Water contaminating.  
**Aquatic toxicity:** May be beneficial to plant life.  
**Additional ecological information:** Do not contaminate water sources when disposing of equipment washwaters.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods:** If empty, do not reuse container. If partially filled, call the local solid waste agency for disposal instructions. Do not place product down any indoor or outdoor drain.

## 14. TRANSPORT INFORMATION

The description shown may not apply to all situations. Consult 49 CFR, or appropriate dangerous goods regulations for additional description requirements (e.g. technical name) and mode-specific or quantity-specific shipping requirements.

**DOT (Land)** Not DOT regulated  
**DOT (AIR)** Not DOT regulated  
**DOT (Vessel)** Not DOT regulated

## 15. REGULATORY INFORMATION

Components	CAS-No	CERCLA/SARA 313	CERCLA/SARA 302
Urea	57-13-6	Not Listed	Not Listed
Ammonium phosphate	7722-76-1	Not Listed	Not Listed
Potassium chloride, KCl	7447-40-7	Not Listed	Not Listed

**General Information** Contact local authorities for disposal of large quantities of product.

## 16. OTHER INFORMATION

**NFPA:** Health: 1 Flammability: 0 Reactivity: 1  
**HMIS:** Health: 1 Flammability: 0 Reactivity: 1

**Hazard Rating:** 0=Least; 1-Slight; 2=Moderate; 3=High; 4=Severe

**General comment:** This document contains health, safety, and environmental information useful to emergency response agencies, health care providers, manufacturers, and workers/employees. It does not replace the precautionary language, use directions, or the storage and disposal information found on the product label.

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